

EC safety data sheet

Safety data sheet in accordance with 91/155/EEC

Trade name:

CERAMER and CERAMER PLUS

Product-no.: 01 KYWA005

Version: 7

Status: 18.06.03

Substance code :

75232

Page: 1 of 4

1. Identification of the substance / preparation and company

PRODUCT DETAILS

Trade name

CERAMER and CERAMER PLUS

Supplier details

Ceramer GmbH
Gottlieb - Keim - Strasse 60
D - 95448 Bayreuth
GERMANY

Information provided by

Company management

Emergency telephone number: ++49 – (0)176 – 20053838 and ++49 – (0) 176 – 20053839

2. Composition / information on ingredient

Chemical characterization

PPS Oxidant; Poly phenylsulfone (PPSO₂); CAS-number: 31833-61-1

3. Hazards identification

No particular hazards known.

4. First aid measures

After inhalation

Remove the casualty into fresh air and keep him calm. Take medical treatment.

After contact with eyes

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

5. Fire-fighting measures

Suitable extinguishing media

Water
Foam
Dry powder
Carbon dioxide

Special hazards from the substance itself, its combustion products or from its vapors

In case of fires, hazardous combustion gases are formed:
Carbon monoxide (CO)
Sulphur dioxide (SO₂)

Special protective equipment for firefighting

In the presence of combustion or carbonization gases, any firefighting, rescue and clearing up activities should be undertaken only with heavy-duty respiratory protection.

EC safety data sheet

Safety data sheet in accordance with 91/155/EEC

Trade name:

CERAMER and CERAMER PLUS

Product-no.: 01 KYWA005

Version: 7

Status: 18.06.03

Substance code :

75232

Page: 2 of 4

6. Accidental release measures

Methods for cleaning up/taking up

Pick up mechanically

7. Handling and storage

HANDLING

Advice on safe handling

Provide temperature safety devices.

Work only in fume cupboards.

Advice on protection against fire and explosion

Take precautionary measures against electrostatic loading.

Observe the general rules of industrial fire protection.

Dust explosion class: ST1 Capable of dust explosion

STORAGE

Storage stability May be stored indefinitely at a temperature of < 40 °C.

8. Exposure controls / personal protection

PERSONAL PROTECTIVE EQUIPMENT

General protective measures

Do not inhale gases.

Do not inhale dust.

Hygiene measures

Do not eat, drink or smoke during work time.

9. Physical and chemical properties

Appearance:

Form: Powder
Color: beige / light grey
Odor: mild

DATA RELEVANT TO SAFETY

Changes in physical state :

Melting range > 500 °C

Flash point : Not applicable

Ignition temperature : > 480 °C

Self-ignition temperature : Not applicable

Lower explosion limit : Not applicable

Vapor pressure : Not applicable

Density : approx. 1.44 to 1.54 g/cms at 23 °C

Bulk density : approx. 540 kg/ms

EC safety data sheet

Safety data sheet in accordance with 91/155/EEC

Trade name:

CERAMER and CERAMER PLUS

Product-no.: 01 KYWA005

Version: 7

Status: 18.06.03

Substance code :

75232

Page: 3 of 4

Solubility in water : insoluble
pH value : Not applicable
Viscosity, dynamic: Not applicable

10. Stability and reactivity

Thermal decomposition : > 450 °C
Hazardous reactions : No hazardous reactions known.
Hazardous decomposition products : Sulphur dioxide, carbon monoxide and carbon dioxide

11. Toxicological information

Remarks

According to experience, the product is considered to be harmless to health if handled in the correct manner.

12. Ecological information

FURTHER ECOLOGICAL INFORMATION

Remarks

Product is insoluble in water.
The material has no harmful effect on the environment.

13. Disposal considerations

Product

Material may be recycled.
In accordance with the necessary technical regulations may be dumped or incinerated with household waste, after consultation with site operator and with the responsible authority. Remove SO₂ by means of a smoke-gas cleaning process.

14. Transport information

Road transport

ADR Non-hazardous goods
RID Non-hazardous goods

Inland waterways transport

ADNR Non-hazardous goods

Marine transport

IMDG/UN Non-hazardous goods

Air transport

ICAO/IATA-DGR Non-hazardous goods

Dispatch by post

Permitted

EC safety data sheet

Safety data sheet in accordance with 91/155/EEC

Trade name:

CERAMER and CERAMER PLUS

Product-no.: 01 KYWA005

Version: 7

Status: 18.06.03

Substance code :

75232

Page: 4 of 4

15. Regulatory information

Labeling in accordance with GefStoffV/EC hazard warning labeling not compulsory

NATIONAL REGULATIONS :

Water Hazard Class (Germany) : 0 (self-classification)

Other regulations :

VDI 2263 "Dust fires and explosions; Danger, Evaluation, Protection measures"

16. Other information

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.